

EDR Agenda – LQX Cryo-assemblies
12 March 2001
CERN – Room 112-R-018 (morning)
Room 30-7-012 (afternoon)

- 09:00 ***Design Review Committee Planning Session*** – P. Pfund
- Confirmation of Agenda and Schedule
 - Remarks on Wrap-up and Closure of EDR
- 09:10 ***Overview*** – J. Kerby
- Scope
 - Requirements (*layout, alignment, cryogenics, radiation, electrical, mechanical*)
 - Interfaces
- 09:30 ***Engineering Design*** – T. Nicol
- Overall design (*layout, heat loads, weights, piping, alignment, engineering note*)
 - Vacuum vessel
 - Suspension system (support rings, tie bars, connection *to cold mass*)
 - Internal piping
 - Thermal shield (*assembly, transition joint, support*)
- 10:45 ***Break***
- 11:15 ***Engineering Design (continued)*** – T. Nicol
- Assembly (*final assembly concept, Q2P1 assembly*)
 - Q1 design concepts
 - R&D status
 - Analysis results (*stress, thermal, deflections*)
 - Test results (*support ring, small scale heat exchanger*)
 - Design and procurement status
 - Concerns
- 12:30 ***Lunch***

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- 14:00 *Interfaces* – T. Page
- Corrector mounting
 - Interconnect design (*bellows, welded joints*)
 - Q2a/Q2b weld test results
- 15:00 *Discussion of Reviewer Comments* – P. Pfund
- 16:00 *Break*
- 16:30 *Discussion of Reviewer Comments – continued*
- 17:15 *Conclusion* – J. Strait
- 17:30 *Adjourn*